

Title (en)  
PACKAGING BOX

Title (de)  
VERPACKUNGSSCHACHTEL

Title (fr)  
BOITE D'EMBALLAGE

Publication  
**EP 1607347 A4 20091111 (EN)**

Application  
**EP 04721991 A 20040319**

Priority  
• JP 2004003773 W 20040319  
• JP 2003081030 A 20030324

Abstract (en)  
[origin: US2004188309A1] A packing box includes a box main body; and an inner plate on which a packing object is fixed. The inner plate is accommodated in the box main body and is kept in a horizontal direction. The inner plate may include a main plate on which the packing object is fixed, a set of first plates which bendably extend from each of first ends of the main plate opposing to each other, and a set of second plates which bendably extend from each of second ends of the main plate opposing to each other. The packing object is desirably fixed at a center of the main plate such that the packing object is not contact with inner walls of the box main body.

IPC 1-7  
**B65D 81/07**

IPC 8 full level  
**B65D 5/44** (2006.01); **B65D 5/50** (2006.01); **B65D 81/07** (2006.01)

CPC (source: EP US)  
**B65D 5/5028** (2013.01 - EP US); **B65D 81/07** (2013.01 - EP US)

Citation (search report)  
• [X] US 6158589 A 20001212 - SMITH JEFFREY A [US], et al  
• [X] EP 0940351 A2 19990908 - ADE INC [US]  
• See references of WO 2004085284A1

Designated contracting state (EPC)  
BE

DOCDB simple family (publication)  
**US 2004188309 A1 20040930**; BR PI0408694 A 20060328; CN 100478261 C 20090415; CN 1764579 A 20060426; EP 1607347 A1 20051221; EP 1607347 A4 20091111; JP 2004284658 A 20041014; JP 3938553 B2 20070627; WO 2004085284 A1 20041007

DOCDB simple family (application)  
**US 80612204 A 20040323**; BR PI0408694 A 20040319; CN 200480008249 A 20040319; EP 04721991 A 20040319; JP 2003081030 A 20030324; JP 2004003773 W 20040319